

MOSSBERG 151K .22 Caliber Auto-Loading/Bolt Action Rifle

(Production: 1950-1951)



This is an updated manual comprising of all data for the Mossberg 151K, and includes information on the 151M, 151M(a), 151M-B, 151M-C.

UPDATED MANUAL DATE: FEB 2010

VARIOUS SOURCES UTILIZED, INCLUDING ORIGINAL DOCUMENTATION



MODEL

151K

.22 CALIBER AUTO-LOADING BOLT ACTION RIFLE

FEATURES

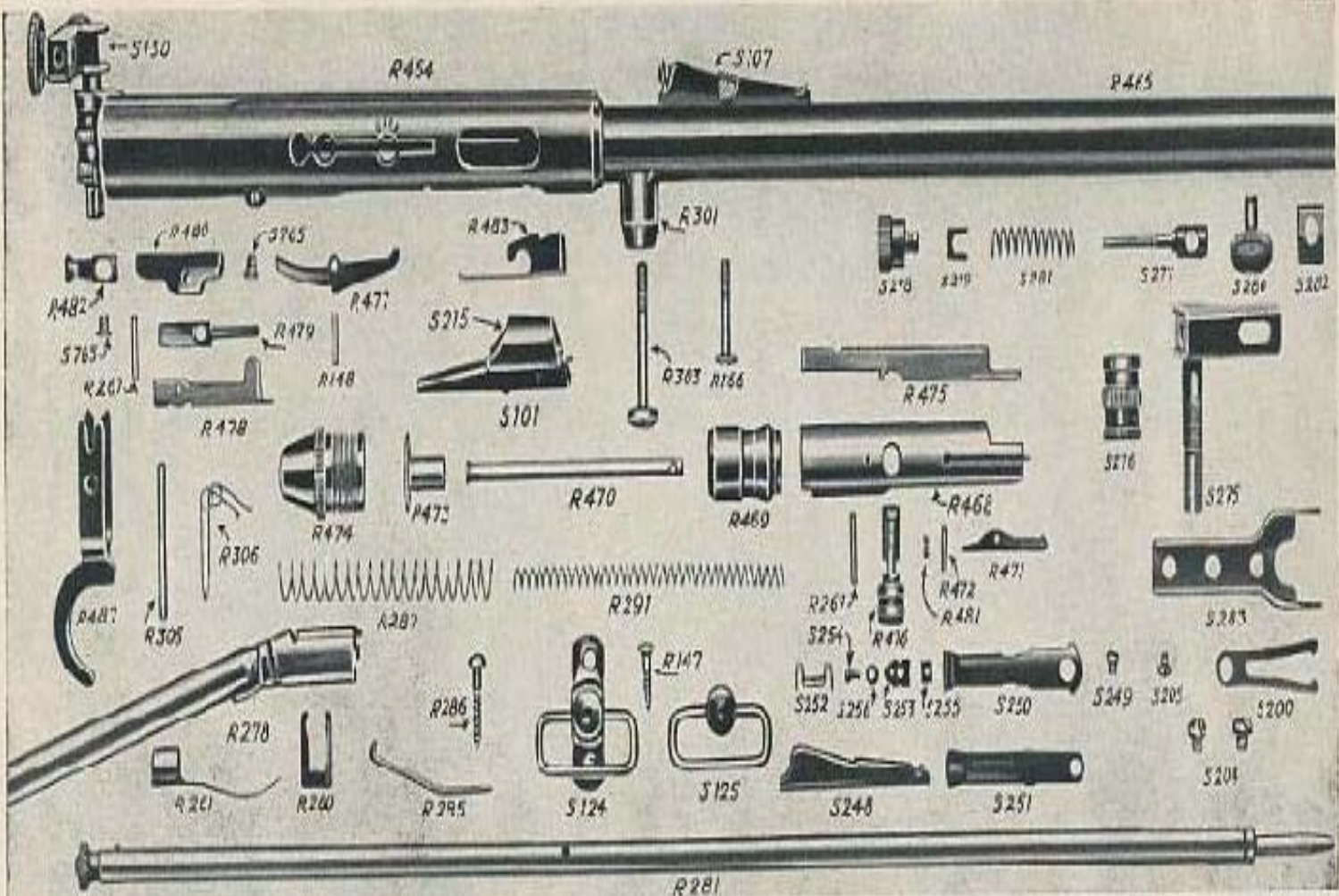
1. 24" round barrel accurately rifled, crowned muzzle. Chambered for .22 LONG RIFLE standard or High speed ammunition, handles either lubricated or dry cartridge.
2. Streamlined Monte Carlo stock with plastic butt plate and molded trigger guard with finger grooves.
3. 15 Shot magazine capacity — **STRAIGHT-LINE** feed through the stock.
4. New style positive safety—holds bolt away from cartridge and locks both trigger and sear.
5. Receiver milled with dovetail slots for our new No. 4 scope mount. A very rigid mount—easily removed and replaced without changing the adjustments.
6. Self loading and ejecting. Shoots 15 shots as fast as the trigger can be pulled. Sufficient weight to prevent whip, for better accuracy.
7. Post type front sight.
8. Open sporting rear sight.



DESIGN PATENT 110729
OTHER PATENTS PENDING
FORM 976

PRINTED IN U.S.A.

INSTRUCTIONS INSIDE



PART NO.	NAME	PRICE	PART NO.	NAME	PRICE EACH	PART NO.	NAME	PRICE EACH	PART NO.	NAME	PRICE EACH
R147	Trigger Guard Screw and Swivel Base Screw	.20	R166	Bolt Complete; incl. R267, R275, R291, R-68, R469, R470	6.30	R485	Stock; incl. R147(2), R264(2), R-87, R305, R306, R214, R250, R278, R385	1.10	S214	Front Sight Insert Pin	.20
R-48	Seat Pin	.20	R471, R472, R473, R475, R481	4.00	R487	Trigger	1.10	S215	Front Sight Head	.10	
R166	Stock Extension Screw	.20	R471, R472, R-75, R481	4.00	R569	Butt Plate, Model 151M-B only	.70	S246	Spr. 4 inserts, S210, S211, S212, S213	.70	
R168	Stock Extension Band	.31	R469	Hammer	1.40	R600	Butt Plate Screw (2), Model 151M-P only	ea. .30	S248	Base	.15
R-62	Stock Extension Band Screw (2) ea.	.70	R470	Retracting Spring Plunger	.40	E602	Substitute Stock with R278, R261, R260, R289, R286, R600 only	1.75	S249	Base Screw (2)	each .20
R204	Butt Plate Screw (2)	ea. .31	R471	Extractor	.70	S101	Front Sight complete with S215	1.75	S250	Leaf	.40
R244	Trigger Guard	.75	R472	Extractor Pin	.50	S107	Unavailable		S251	Leaf Spring—Unavailable	.35
R259	Butt Plate, Model 151M, 151M(a)	.70	R473	Retracting Spring Bushing	.37	S124	Swivel, rear	.60	S252	Elevator	.30
R260	Cartridge Cut Off	.15	R474	Bench Plug	1.00	S125	Swivel, front	.55	S253	Sighting Plate	.30
R261	Cartridge Cut Off Spring	.35	R475	Fixing Pin	1.40	S130	Receiver Peep Sight complete	4.50	S254	Sighting Plate Screw	.20
R267	Disconnector Pin & Retaining Pin	.20	R476	Cocking Knob	.55	S200	Dec. Spring	.40	S255	Sighting Plate Nut	.20
R278	Magazine Tube Complete, outside	2.11	R177	Spr.	1.75	S202	Butt (2)	each .20	S256	Sighting Plate Washer	.20
R281	Magazine Tube Complete, inside	2.11	R178	Disconnector	.70	S204	Elevation Bracket Screw (2)	ea. .20	S268	Post Tension Spring for front sight	.20
R283	Tension Spring	.75	R479	Disconnector Spring & Seat Spring	.40	S205	Dec. Spring Screw	.20	S273	Swivel Spring only	.20
R286	Tension Spring Screw	.20	R480	Disconnector Bracket	.70	S207	Front Sight Ramp Base	.55	S275	Windage Bracket & Post	1.00
R287	Main Spring	.30	R481	Extractor Spring	.30	S208	Front Sight Ramp Base Screw	.25	S276	Elevation Nut	.55
R291	Retracting Spring	.35	R482	Bench Plug Spring	.70	S209	Front Sight Spring	.20	S277	Windage Screw	.55
R300	Stock Extension	2.00	R483	Extractor	.15	S210	Front Sight Aperture	.25	S278	Windage Nut	.55
R301	Take Down Stud	.70	R484	Stock complete with extension; includes R471, R166, R468, R469(a), R300, R197, R308, R316, S124, S115, Model 151M, 151M(a)	12.50	S211	Front Sight Bead	.25	S279	Spring Washer	.35
R303	Take Down Screw	.15				S212	Front Sight Post, narrow	.25	S280	Peep Disc	.40
R305	Trigger Pin	.20				S213	Front Sight Post, wide	.25	S281	Cool Spring	.20
R306	Trigger Spring	.20							S282	Peep Disc Retaining Spring	.30
R164	Receiver	7.00							S283	Elevation Bracket	.85
R165	Barrel	10.00							S265	Disconnector Bracket Screw (2) ea.	.20
NO ORDERS ACCEPTED UNDER \$1.00											

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When ordering parts use exact Model No. stamped on barrel.

EXPLODED VIEW

The 151K is a very well made .22 rifle, designed to be fired for a long time (1000 rounds or more) before it is necessary to be cleaned. It is still recommended that it be thoroughly cleaned and lightly oiled after each use, or at least every 500 rounds. If cared for properly, this firearm will last many lifetimes.

Ammunition – Use only .22 long rifle high speed or regular cartridges, either dry or lubricated, except hollow points. **DO NOT** attempt to use short or longs.

To Assemble – Set barrel into stock, being sure that SEAR PIN goes into TRIGGER SLOTS. Then slide BARREL forward until MAGAZINE HOUSING engages in CROSS SLOTS in receiver. Press and hold barrel into stock and tighten TAKE DOWN SCREW securely.

To Load – Quarter turn MAGAZINE PLUG (located at base of butt stock) and pull out inside magazine tube until follower is clear of loading port. Then insert 15 or less Long Rifle cartridges through loading hole in stock. Be sure to have the lead bullets pointing forward toward barrel. Next, push the MAGAZINE PLUG back inside tube and lock by turning. With a reasonably fast motion, pull COCKING KNOB (lever) rearward as far as possible and let it go. This movement will insert the first cartridge in chamber and the rifle is ready to fire. From this point on it is only necessary to pull trigger for each shot until magazine is empty. The cartridges will be automatically ejected as each round is fired. A special safety sear prevents the hammer from falling until the action is sufficiently closed. If at any time the trigger does not release the hammer, PUSH FORWARD ON COCKING KNOB to close action and thus release the sear.

Safety - This rifle is fitted with a (new type of) safety which is absolutely positive and convenient. TO PLACE THE RIFLE ON SAFE, simply pull back on the “cocking knob/lever” pushing IN on it at the same time. After it has traveled about ¼”, the cocking knob will fall into the recess in the receiver and thus hold the action open. The rifle is impossible to fire with the bolt in this position. You will also be able to see if there is a cartridge in the chamber. TO TAKE OFF SAFE, pull out on cocking lever and the action will go forward to a closed position.

To Lock Action Open – Pull COCKING KNOB/LEVER all the way back and press sleeve on cocking knob into recess “V” at rear of receiver slot.

When Removing Loaded Cartridges From Magazine - If the action is open on safe or locked fully open, be sure that the first cartridge held by the cartridge lift IS REMOVED and the rifle chamber no longer has any rounds in it.

To Take Down – Loosen the TAKE DOWN SCREWS and lift barrel upward.

To Remove Bolt – First place the rifle on “safe” by pulling COCKING KNOB back and pressing down into SAFETY HOLE. Remove the INSIDE MAGAZINE TUBE and insert the knob on the end of the tube into the slot in the BREECH CAP. Using the magazine tube as a

screwdriver, unscrew and remove the BREECH CAP, then take off “safe” by pressing forward slightly on COCKING KNOB/LEVER and lifting out of safety hole. Slide the bolt back until the COCKING KNOB/LEVER lines up with the hole in the receiver. Remove the COCKING KNOB/LEVER by lifting straight out. Grasp the RETRACTING SPRING BUSHING which now projects from the rear end of the receiver and slide the BOLT out.

To Disassemble the Bolt – Drive out PIN after which all bolt parts can be taken apart. Lift up the front end of FIRING PIN and slide forward to remove it.

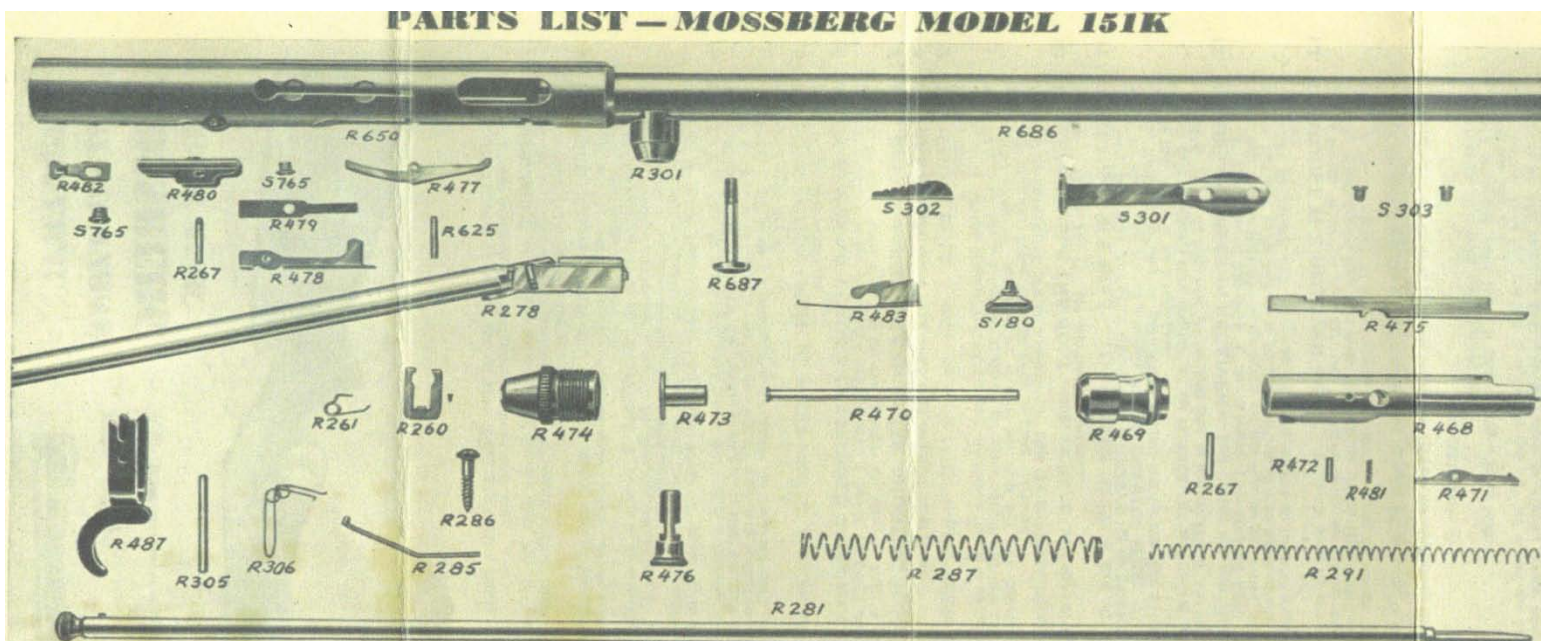
To Reassemble the Bolt – First place FIRING PIN in SLOT with the square end to the rear and the curved notch down. Place the RETRACTING SPRING PLUNGER in the RETRACTING SPRING BUSHING so that the head of the plunger goes into the cup of the bushing. Slide the RETRACTING SPRING and MAINSPRING over the plunger. Slide the HAMMER over the RETRACTING SPRING with the large hole of the hammer toward the rear so that it goes over the front section of the MAINSPRING. Now push the RETRACTING SPRING and PLUNGER into the bolt until the hole in the plunger lines up with hole in the bolt. Keep the two holes lined up and push PIN into the hole.

To Replace Bolt in Receiver – Hold the bolt with firing pin on top and slide bolt into receiver until HOLE in bolt lines up with HOLE in the receiver. Place COCKING KNOB/LEVER in the hole and line up slots in cocking knob/lever with the slot in the receiver, and then slide the bolt forward. Pull the trigger (or if the stock is not on the rifle, push down on the front end of the sear) to allow the bolt to fully slide in place. Replace the BREECH CAP – again inserting the knob on the inside magazine in slot in cap and using magazine tip as screwdriver.

To Adjust the Receiver Sight - If the rifle shoots low, raise the rear sight leaf by sliding the elevation slide to the rear. If the rifle shoots high, lower the leaf by sliding the elevation slide forward. If it shoots left, loosen the windage sighting plate screw and move the windage sighting plate to the right and tighten screw. If it shoots right, loosen the windage sighting plate screw and move the windage sighting plate to the left and tighten screw.

This rifle was tested at the factory for accuracy and the sights set, but due to differences in ammunition and personal eye-stock weld preference (method of holding to cheek), it may be necessary to adjust the sights. When setting the sights, try to use the same type of ammunition that you will every time you shoot the rifle.

DON'T BLAME THE GUN: All .22 semi automatic rifles are solely dependent upon pressures to operate the action. Occasionally you may find a cartridge too weak to operate the action because its pressure is not up to standard. By using different ammunition, or another lot of the same type, you will find that the rifle is not the problem.



SUGGESTIONS

If hammer is cocked there will be an opening in the rear of cocking knob slot in the receiver.

Do not remove outside magazine tube. This feeding mechanism is accurately adjusted to gages at the factory and could easily be distorted when out of the stock.

A clean gun works better. Clean after 500 rounds or as periodically as possible. Misfires are usually caused by a dirty action.

Keep takedown screws tight. This means spot checking on intervals before each use.

Clean action with approved solvents using bristle brush.

Always point your rifle in a safe direction and treat it as if it were loaded, even if you know it has no ammunition in the chamber or magazine tube!